

Nature Performs one of the Most Wonderful Chemical Experiments in the World.

Mr. Henry K. Strong, of Pennsylvania, has written an article in the Philadelphia *North American* and *Gazette* on the quality of the water of the river Schuykill, for which that city is supplied by the Fairmount Water Works. After referring to the immense volumes of sulphuric acid water discharged from the bottoms of the sixteen caissons on the head waters of the Schuykill, he says:

It will be seen, therefore, that the mountain streams that make up the Schuykill are strongly impregnated with sulphuric acid, which kills all the fish in the Schuykill and its tributaries for more than thirty miles below the mines. The water is clear, but has a peculiar greenish blue tint from the coal region through the entire broad belt of the Devonian fountain. But, as soon as it enters the great Silurian limestone, above Reading, and receives the waters of Maiden creek, and other limestone tributaries, there is a sudden changed appearance of the waters. Both streams are clear and transparent above the junction, but below the united stream presents a milky and clouded appearance. Here nature performs one of the largest, grandest, and most useful chemical experiments in the world! Here, two streams of impure water—one impure by the amount of lime held in solution, and the other impure on account of the quantity of sulphuric acid received from the mines—are made one, and purified by the chemical attraction of the impurity of both. Here the lime, held in solution by the waters of Maiden creek, unites with the acid which impregnates the Schuykill, and forms gypsum; first coloring the water a bluish white, and then rendering it clean and pure before it reaches Reading, by the sinking of the gypsum to the bottom of the stream.

The importance, in an economic point of view, of this great chemical action which nature is constantly performing, cannot be highly estimated. Without the acid from the coal mines, to neutralize the lime, the city of Reading would be without a pure soft water for domestic purposes, for her factories, and for the engines which drive her furnaces. And without the limestone tributaries of the Schuykill, to neutralize the acid from the coal mines, Philadelphia would now be without a pure water for household purposes, and without a water fit to be used in the twelve hundred steam engines that now make her the greatest manufacturing city in the Union.

To go to be lost.—We endorse the following from Meddin's advice to his son, and put it again into circulation as too good to be lost. "I have often told you," he says "that every man must be the master or master of his own fortune. I repeat the doctrine. He who depends upon his incessant industry and integrity, depends upon patrons of the noblest and most exalted kind; these are the creators of fortune and fame, the founders of families and can never disappoint or desert you. They control all human dealings, and even vicissitudes of any unfortunate tendency to a contrary nature. You have a genius, you have learning, you have industry at times but you want perseverance; without it you can do nothing. I bid you bear this motto always in mind. PERSEVERE."

SINGULAR DEATH.—The Hartford *Press*, in its comments upon the recent singular and fatal accident in that City says:

"There has been two other deaths in Sharpe's Rifle Factory, within two or three years, both of which were very singular in their manner of occurrence. One was a blacksmith, who was holding a chisel upon a bar of cold steel, for the striker to operate upon. The man suddenly and apparently without cause, fell lifeless to the floor. He never spoke. Upon lifting him and opening his shirt a small red spot was discovered upon his left breast, and a post mortem examination showed that a very minute particle of steel, stricken by the hammer, had penetrated between the ribs and pierced the heart!"

"The other was unlacing a belt. He was left-handed and was using an awl, when his hand slipped and the awl pierced his heart. He tore open his shirt, crying, 'I'm stabbed!' and falling, died in a very few moments."

A lawyer built him an office in the form of a hexagon, or six square. The novelty of the structure attracted the attention of some Irishmen who were passing by; they made a full stop and viewed the building very critically; the lawyer somewhat disgusted at their curiosity, lifted up the window, put his head out, and addressed them: "What do you stand there for like a pack of saucy blockheads, gazing at my office? do you take it for a church?" One of them replied: "Why indeed I was thinking so, till I saw the devil put his head out of the window."

Napoleon sent for Fouche one day in a great rage, and told him he was a fool, was not fit to be at the head of the police, was quite ignorant of what was passing. "Pardon me, sir," said Fouche, "I know that your Majesty has my dismissal already signed in your pocket." Napoleon changed his mind, and kept his minister.

If you want to keep your town from thriving, turn a cold shoulder on mechanics, or new beginners in business; look upon every new comer with a jealous scowl; discourage all you can; and last, though not least, refuse to take your local papers, and don't advertise.

The number of emigrants arrived at the port of New York for the week ending the 28th ult., was 2,886, making a total of 58,544 since the commencement of the year, against 61,823 for the corresponding period of 1858.

It is characteristic of a little mind to be shocked and revolted from friends on the discovery of their faults; this shows as little self-accusation as it does want of general knowledge.

The more polished society is, the less formality there is in it.

BUYERS OF DRY GOODS,
KEEP POSTED.

GO AND SEE THE
NEW GOODS AT
COPELAND & BARTOWS.

THEY ARE NOW DAILY RECEIVING A
choice selection of
CLOTHES,

CASSIMERES,

SHEETINGS,

SHIRTINGS,

SILKS,

MERINOES,

DELAINES,

PRINTS,

And Dress Goods,

An endless variety.

BONNET RIBBONS AND FLOWERS,

BOOTS AND SHOES,

HATS AND CAPS,

AND CROCKERY FOR THE MILLION.

All of which are offered for

CASH AND CASH ONLY.

At prices that demand the attention of every consumer of Goods.

KEEP IT BEFORE THE PEOPLE,
We offer no goods as bait.

TO THE BUYER.

We exhibit a complete examination of the Goods, and if they are not good and cheap, we do not ask you to buy them.

N. B.—The largest stock of Shawls ever offered in this city.

NEW STORE

NEW GOODS.

Of every Variety & style.

CHEAP FOR CASH.

At the Brick Store, Corner of

GENESEE AND WATER STREETS,

East Saginaw, - Mich.

AN ENTIRE NEW STOCK

Just Opening, Consisting of

Dry Goods

GROCERIES,

BOOTS & SHOES,

HOSIERY,

YANKEE NOTIONS,

Dress Goods of the Latest

STYLES.

EMBROIDERY, WHITE GOODS,

Small-Ware,

AND AN ENDLESS VARIETY OF NEW GOODS

Just from the Eastern Markets.

CALL AND EXAMINE THE STOCK.

J. W. TOMS,

East Saginaw, Sept. 22, 1859.

FRUITS! FRUITS!!

AND

CONFECTIONARIES.

THE SUBSCRIBER HAVING RECENTLY

ARRANGED A CONSTANT SUPPLY OF

FRESH fruit in part of Apples, Peaches, Pears,

Plums, Apricots and Quinces, together with Foreign

Fruit, Confectionaries, &c. Will be on hand to supply all who may favor him with a call at the

City Fruit & Confectionary Store,

On the most reasonable terms. All orders promptly attended to.

DANIEL FOY, Proprietor.

JOINER WORK.

H. J. JOHNSON & CO.,

At their shop on Tufts street, opposite Fred

Koehler's Blocksmith shop, are prepared to do

all kinds of

JOINER WORK.

With promptness, and as well as it can be done

establishment in the city. Orders for any

work in our line are solicited, and will receive imme-

diate attention.

H. J. & CO.,

East Saginaw, Aug. 12, 1859.

INDIAN Physician!!!

DR. THOMAS CHATFIELD,

WILL render his professional services on all who

wish to give him a call. Dr. C. after nine years

spent among his country men and also among the

whites with success, finding himself equal to any in the State, in any of the following diseases—Dough,

Colds, first stage of Consumption, &c. also all kinds of

External Complaints, Fever, Sores, Bloody Flux, &c.

Office, 43 Main Street, Sennecio City, Indiana

County, Michigan.

APPLES, APPLES.—The best supply in town

for sale cheaper than the cheapest, call and buy some.

M. C. MOWAT & CO.,

East Saginaw, Sept. 22, 1859.

JOHN DERRICK'S STORE, UP STAIRS.

THE SUBSCRIBER is prepared to cut and make up in

the latest and most fashionable style, Coats,

Overcoats, Overalls, and all description of outer

garments for Gentlemen and Boys. An extensive

experience in some of the best establishments in

Cincinnati and other cities, enables him to do work

as fashionably and well as can be done anywhere.

Patronage is solicited.

J. H. S. WEBER,

East Saginaw, Sept. 22, 1859.

J. RICE, TAILOR.

WATER STREET, ONE DOOR WEST OF

JOHN DERRICK'S STORE, UP STAIRS.

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